

BJ Services Company



FIELD RECEIPT NO. 1001281834

| | | | | | | | | | | | | |
|---|--|---------------------------------------|------------------|---------------------|---|---|---------------------------------------|---------------------|---|-------------------|--|--|
| CUSTOMER Kinder Morgan CO2 Company, LP | | | | | CREDIT APPROVAL NO. A10011037604 | | PURCHASE ORDER NO. | | CUSTOMER NUMBER 20040995 - 00215831 | | INVOICE NUMBER | |
| MAIL INVOICE TO : STREET OR BOX NUMBER 17801 Highway 666 | | | | | CITY Cortez | | STATE Colorado | | ZIP CODE 81321 | | | |
| DATE WORK COMPLETED | | MO. 02 | DAY 11 | YEAR 2008 | BJ SERVICES REPRESENTATIVE Jay Savage | | WELL API NO: 05083066350000 | | WELL TYPE : New Well | | | |
| BJ SERVICES DISTRICT Farmington | | | | | JOB DEPTH (ft) 8,020 | | WELL CLASS : Gas | | | | | |
| WELL NAME AND NUMBER GOODMAN POINT #12 | | | | | TD WELL DEPTH (ft) 8,047 | | GAS USED ON JOB : No Gas | | | | | |
| WELL LOCATION : | | LEGAL DESCRIPTION 1-36N-18W | | | COUNTY/PARISH Montezuma | | STATE Colorado | | JOB TYPE CODE : Pump Stim - Acid Spot | | | |
| PRODUCT CODE | DESCRIPTION | | | | UNIT OF MEASURE | QUANTITY | LIST PRICE UNIT | GROSS AMOUNT | % DISC. | NET AMOUNT | | |
| 100091 | Ferroltrol 300L | | | | gals | 25 | 35.200 | 880.00 | 35% | 572.00 | | |
| 398166 | HCl, 20.1 - 28% | | | | gals | 5000 | 7.600 | 38,000.00 | 35% | 24,700.00 | | |
| 488220 | Cl-27 | | | | gals | 10 | 108.000 | 1,080.00 | | 1,080.00 | | |
| 499778 | Flo-Back 20 | | | | gals | 5 | 69.250 | 346.25 | 35% | 225.06 | | |
| | SUB-TOTAL FOR Product Material | | | | | | | 40,306.25 | 34.06% | 26,577.06 | | |
| A151 | Personnel Surcharge - Acid Svc | | | | ea | 1 | 145.500 | 145.50 | 0% | 145.50 | | |
| | SUB-TOTAL FOR Service Charges | | | | | | | 145.50 | 0% | 145.50 | | |
| F722 | Acid Pump, 2501- 5000 psi - Slurry | | | | 2hrs | 1 | 4,125.000 | 4,125.00 | 35% | 2,681.25 | | |
| J228 | Data Acquisition, Frac, Standard | | | | job | 1 | 3,975.000 | 3,975.00 | 35% | 2,583.75 | | |
| J390 | Mileage, Heavy Vehicle | | | | miles | 400 | 7.400 | 2,960.00 | 35% | 1,924.00 | | |
| J391 | Mileage, Auto, Pick-Up or Treating Van | | | | miles | 400 | 4.200 | 1,680.00 | 35% | 1,092.00 | | |
| | SUB-TOTAL FOR Equipment | | | | | | | 12,740.00 | 35% | 8,281.00 | | |
| | FIELD ESTIMATE | | | | | | | 53,191.75 | 34.19% | 35,003.56 | | |
| ARRIVE LOCATION : | | MO. 02 | DAY 11 | YEAR 2008 | TIME 23:30 | SERVICE ORDER: I AUTHORIZE WORK TO BEGIN PER SERVICE INSTRUCTIONS IN ACCORDANCE WITH THE TERMS AND CONDITIONS PRINTED ON THE LAST PAGE OF THIS FORM AND REPRESENT THAT I HAVE AUTHORITY TO ACCEPT AND SIGN THIS ORDER. | | | | | SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER. | |
| CUSTOMER REP. MR KENNY CORRIGAN | | | | | | CUSTOMER AUTHORIZED AGENT CUSTOMER AUTHORIZED AGENT | | | | | CUSTOMER AUTHORIZED AGENT X | |
| SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS | | | | | | | | | | | BJ SERVICES APPROVED X | |

STIMULATION TREATMENT REPORT



Date 11-FEB-08 District Farmington F.Receipt 1001281834 Customer Kinder Morgan C02 Company, LP
 Lease GOODMAN POINT #12 Well Name GOODMAN POINT #12
 Field UNNAMED Location 1-36N-18W
 County Montezuma State Colorado Stage No 1 Well API - API 05083066350000

| WELL DATA | | Well Type: | NEW | Well Class: | GAS | Depth TD/PB: | 8047 | Formation: | |
|---------------|--------------|------------|--------|-------------|-------|--------------|--------|----------------|--------|
| Geometry Type | Tubular Type | OD | Weight | ID | Grade | Top | Bottom | Perf Intervals | |
| TUBULAR | CSG | 7 | 29.25 | 6.168 | | 0 | 8047 | Top | Bottom |
| TUBULAR | DP | 3.5 | 13.3 | 2.764 | | 0 | 7850 | 0 | 0 |
| COMPLETION | | | | | | 7883 | 8047 | 0 | 0 |

Packer Type _____ Packer Depth _____ FT

| TREATMENT DATA | | | | LIQUID PUMPED AND CAPACITIES IN BBLs. | |
|---|------------|---------------------|-------------------|---------------------------------------|-----------------------------|
| Fluid Type | Fluid Desc | Pumped Volume(Gals) | Prop. Description | Volume Pumped(Lbs) | |
| TREATMENT FLUID | 28%hcl | 5.419 | NO PROPPANT | | |
| Total Prop Qty: _____ | | | | | |
| Previous Treatment <u>NO</u> Previous Production <u>NO</u> | | | | | |
| Hole Loaded With <u>water</u> Treat Via: Tubing <input type="checkbox"/> Casing <input type="checkbox"/> Anul. <input type="checkbox"/> Tubing & Anul. <input type="checkbox"/> | | | | | |
| Ball Sealers: _____ In _____ Stages Type _____ | | | | | |
| Auxiliary Materials <u>25 GALS FERROTROL 300L, 10 GALS CI-27, 5 GALS FLOW-BACK 20,</u> | | | | | |
| | | | | | Tubing Cap. <u>58</u> |
| | | | | | Casing Cap. <u>0</u> |
| | | | | | Annular Cap. <u>2.5</u> |
| | | | | | Open Hole Cap. <u>8</u> |
| | | | | | Fluid to Load <u>0</u> |
| | | | | | Pad Volume <u>0</u> |
| | | | | | Treating Fluid <u>129</u> |
| | | | | | Flush <u>60</u> |
| | | | | | Overflush <u>0</u> |
| | | | | | Fluid to Recover <u>129</u> |

PROCEDURE SUMMARY

| Time AM/PM | Treating Pressure-Psi | | Surface Slurry BBLs. Pumped | | Slurry Rate BPM | Comments |
|------------|-----------------------|---------|-----------------------------|-------|-----------------|---|
| | STP | Annulus | Stage | Total | | |
| 17:00 | | | | | | on yard |
| 20:00 | | | | | | off yard |
| 23:30 | | | | | | on loc |
| 12:40 | | | | | | safety meeting |
| 03:01 | | | | | | pt lines 1645 PSI |
| 03:12 | 0 | | 129 | 0 | 3 | START ACID |
| 03:34 | 200 | | | 63 | 3.4 | CLOSE RAMS |
| 03:34 | 35 | | | 63 | .8 | PUMP ACID TO BD |
| 03:37 | 545 | | | 67 | .5 | SHUTDOWN AND LET PRESSURE DROP AND PUMP WHEN IT GOES BELOW 100PSI |
| 04:01 | 490 | | | 71 | .6 | RATE ESTABLISHED |
| 04:46 | 445 | | | 104 | 1.3 | PRESSURE DROP INCREASE RATE AS PRESSURE ALLOWS |
| 05:01 | 692 | | 60 | 129 | 1.7 | START FLUSH |
| 05:42 | 488 | | | 189 | 1.4 | SHUTDOWN 360 PSI ISIP |
| 00:00 | | | | | | 5 MIN 92 PSI |
| 00:00 | | | | | | 10 MIN 0 PSI |

| Treating Pressure | | Injection Rates | | Shut In Pressures | | Customer Rep. | MR KENNY CORRIG |
|---------------------------------|-----|-----------------|-----|----------------------|--------------|---------------|-----------------|
| Minimum | 545 | Treating Fluid | .7 | ISDP | 388 | BJ Rep. | Jay Savage |
| Maximum | 38 | Flush | 1.4 | 5 Min. | 92 | Job Number | 1001281834 |
| Average | 490 | Average | .7 | 10 Min. | 0 | Rec. ID No. | |
| Operators Max. Pressure 1000 | | | | 15 Min. | 0 | Distribution | |
| | | | | Final | 0 In 10 Min. | | |
| | | | | Flush Dens. lb./gal. | 9.5 | | |

| | | | |
|--------------------|--|--------------|---|
| Sales Order | | Well | |
| Number: | 5672958 | Ship To: | 2621088 - KINDER MOR GOODMAN POINT 12,CORTEZ, |
| Primary BOM: | 7551 - PSL ST DRILLABLE TOOL SVC-BOM | Description: | KINDER MORGAN INC |
| Sold To: | 320986 - KINDER MORGAN INC | Address: | UNKNOWN, Montezuma, CO |
| Bill To: | 5022219 - KINDER MORGAN ENERGY PARTNERS, CO2 | Details: | Oil - Development Well - Land |
| Plant: | 0204 - Farmington, NM USA 4109E Main | Well ID: | Y0JVE02IGET4IAAA |
| PQ/AFE Num: | NA | | |

| Operator | Date-Time | Activity | Remarks |
|-------------------|-----------------|---------------------|--|
| Calkin, Richard C | 2/10/2008 09:00 | 1 - START JOB HOURS | LEAVE YARD |
| Calkin, Richard C | 2/10/2008 14:55 | 2 - ON LOCATION | ON LOCATION, SIGN IN & CHECK W/ LOCATION SUPERVISOR. |
| Calkin, Richard C | 2/10/2008 15:20 | 3 - JOB ACTIVITY | HELD PRE JOB SAFETY MTG. |
| Calkin, Richard C | 2/10/2008 16:30 | 3 - JOB ACTIVITY | PU RETAINER & RAN IN HOLE 2 JTS, TRIED TO PUMP THRU RETAINER, PRESSURED UP TO 500 PSI, VALVE NOT OPENED ON RETAINER, TOOH, |
| Calkin, Richard C | 2/10/2008 18:00 | 4 - LEAVE LOCATION | OFF LOCATION, TAKE TOOLS BACK TO FARMINGTON, GETTING ANOTHER STINGER BUILT @ 4 INCHES LONGER TO ENABLE VALVE TO OPEN. |
| Calkin, Richard C | 2/10/2008 20:30 | 5 - STOP JOB HOURS | BACK IN YARD WAIT ON MACHINE SHOP. |
| Calkin, Richard C | 2/10/2008 21:55 | 1 - START JOB HOURS | NEW STINGER BUILT & INSTALLED, TESTED, & HEAD BACK TO LOCATION. |
| Calkin, Richard C | 2/10/2008 23:48 | 2 - ON LOCATION | ARRIVED ON LOCATION, HELD PRE JOB SAFETY MTG. |
| Calkin, Richard C | 2/11/2008 00:20 | 3 - JOB ACTIVITY | PU TOOL & MAKE UP ON DRILL PIPE. |
| Calkin, Richard C | 2/11/2008 01:20 | 3 - JOB ACTIVITY | SIH W/ RETAINER. |
| Calkin, Richard C | 2/11/2008 04:20 | 3 - JOB ACTIVITY | START INTO OPEN HOLE EASY W/ RETAINER. LOST ABOUT 5 K WHILE GOING DOWN INTO 6 INCH OPEN HOLE. |
| Calkin, Richard C | 2/11/2008 05:00 | 3 - JOB ACTIVITY | AT SET DEPTH 8047 FT = 254 JTS IN, RU WEATHERFORD TO TBG, LOAD & BREAK CIRCULATION, |
| Calkin, Richard C | 2/11/2008 05:30 | 3 - JOB ACTIVITY | ST PUMPING DOWN DP @ 1 BPM |
| Calkin, Richard C | 2/11/2008 05:45 | 3 - JOB ACTIVITY | GOT CIRCULATION TO PIT TOOK @ 15 BBLs AT @ 40 PSI, START WORKING DP UP & DOWN @ 8-10 FT TO CLEAN UP TOOL & HOLE WHILE RIGGING UP HALLIBURTON PUMP TRK. |
| Calkin, Richard C | 2/11/2008 06:10 | 3 - JOB ACTIVITY | CMT PUMP RIGGED UP TOO FLOOR, HELD SAFETY MTG TO GO OVER SETTING & PUMPING PROCEDURES. |
| Calkin, Richard C | 2/11/2008 06:50 | 3 - JOB ACTIVITY | STOP CIRCULATING & SET RETAINER, ROTATED TURNS TO THE RIGHT & WE LOST SOME TORQUE, TURNED 10 ADDITIONAL TURNS = 60 TOTAL & SET 10K ON RETAINER, CLOSED PIPE RAMS & PRESSURED UP TO 300 PSI ON CSG THEN MONITOR THRU OUT JOB. |
| Calkin, Richard C | 2/11/2008 07:20 | 3 - JOB ACTIVITY | TESTED CMT LINES TO 300 PSI. |
| Calkin, Richard C | 2/11/2008 07:22 | 3 - JOB ACTIVITY | START PUMPING FRESH WATER SPACER @ 1 BPM DOWN DP & THRU RETAINER TO GET INJECTION RATE. |
| Calkin, Richard C | 2/11/2008 07:27 | 3 - JOB ACTIVITY | 8 BBLs GONE, PSI LEVEL @ 350 PSI AT 1 BPM, & CSG PSI 245 & HOLDING, START MIXING CMT. |
| Calkin, Richard C | 2/11/2008 07:32 | 3 - JOB ACTIVITY | 10 BBLs H2O GONE, START PUMPING CMT AT 1 BPM W/ 320 PSI. |
| Calkin, Richard C | 2/11/2008 07:47 | 3 - JOB ACTIVITY | 0 PSI DP AT 1 BPM, CSG = 240 PSI, 103 BBLs CMT GONE, START DISPLACEMENT W/ FRESH WATER. |
| Calkin, Richard C | 2/11/2008 08:12 | 3 - JOB ACTIVITY | 50 BBLs GONE, CMT ON FORMATION, PSI STARTING TO CLIMB SLOWLY. 1.8 BPM @ 268 PSI. |
| Calkin, Richard C | 2/11/2008 08:20 | 3 - JOB ACTIVITY | SD PSI @ 600 56.5 BBLs GONE. |
| Calkin, Richard C | 2/11/2008 08:22 | 3 - JOB ACTIVITY | PSI DOWN TO 425, START PUMPING AGAIN. |
| Calkin, Richard C | 2/11/2008 08:23 | 3 - JOB ACTIVITY | SD PSI 700, 56.7 BBLs GONE LACK 3.3 BBLs OF DISPLACEMENT. |
| Calkin, Richard C | 2/11/2008 08:25 | 3 - JOB ACTIVITY | CSG PSI = 255, RELEASE & OPEN PIPE RAMS, STING OUT OF RETAINER, DP PSI = 645, STUNG OUT W/ @ 15- 20K OVER STRING WT & DP WENT TO 0 PSI, LAY DOWN 1 JT. TO REVERSE OUT @ 8016 FT. |
| Calkin, Richard C | 2/11/2008 08:40 | 3 - JOB ACTIVITY | START REVERSE OUT @ 3 BPM |
| Calkin, Richard C | 2/11/2008 08:53 | 3 - JOB ACTIVITY | CMT RETURN TO PIT, @ 720 PSI |
| Calkin, Richard C | 2/11/2008 08:55 | 3 - JOB ACTIVITY | CMT CLEANING UP, GOT @ 3-4 BBLs GOOD CMT RETURNED TO PIT. KEEP PUMPING. |
| Calkin, Richard C | 2/11/2008 09:05 | 3 - JOB ACTIVITY | PUMPED 15 BBLs OVER DP CAPACITY, SD TOOH W/ SETTING TOOL. |
| Calkin, Richard C | 2/11/2008 12:45 | 3 - JOB ACTIVITY | OOH, LAY DOWN & LOAD SETTING TOOL. |
| Calkin, Richard C | 2/11/2008 14:00 | 4 - LEAVE LOCATION | OOF LOCATION HEAD FOR FARMINGTON |